River Bank Primary Knowledge Organiser	Year 1	Autumn Term 1	We are treasure hunters

What we will learn

Coding Safari

This is a free app that allows you to begin to understand coding. The challenge gets harder as you travel around the world.

Buttons and Programs

Move turn straight turn left or right turn up straight
straight   down

Don't forget that it doesn't matter if you don't choose the right path at first, just debug and try something else.

As you travel the world, the challenge increases.

The game

It's important use **trial and error** to test your ideas by holding or hovering the possible direction icon next to the animal to show the possible path. Using the arrows or paths, send the animal along the path to reach its destination.
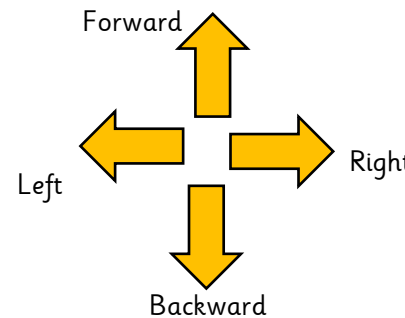
E-safety

Keeping Safe Online

✓ **Talk kindly online** so you stay friends.
✓ **Only message friends** so strangers don't contact you.
✓ **Visit sites for children** so you keep safe and have fun.
✓ **Tap links carefully** so you don't buy things by mistake.
✓ **Take breaks regularly** so your eyes get rest and your body gets exercise.

Directions

Forward

Left   Right

Backward

Routes and Algorithms

A **route** is the course that we travel to get somewhere. We use algorithms (a set of guidelines to complete a task) to program our animal to take a route to where we want it to go.